

AMENDED CLAIM SET

The claims have been amended as follows:

1. (currently amended) A broadcast receiver ~~apparatus-apparatus~~, comprising:
~~a separation unit separating, from a broadcast wave, video data, video associated data, and button data linked with the video associated data; video from data included in a broadcast wave, and~~
~~a display unit displaying a video based on the video data, and also displaying a button associated with the button data as the video changes in a course of a program, the display unit further displaying the linked video associated data when the button is the video separated by said separation unit, and displaying a button on said video based on button data included in said separated data;~~
~~wherein said display unit displays video associated data corresponding to a button selected by a user.~~

2. (currently amended) The broadcast receiver apparatus according to claim 1, further comprising:
~~an infrared receive unit receiving a command from an external source through infrared radiation, radiation; and~~
~~a cursor move unit controlling movement of a cursor displayed by said display unit in response to the command received by said infrared receive unit, and~~

a button data retrieval unit retrieving a the button data associated with the button located at a position of said cursor,

wherein said display unit displays the video associated data corresponding to the button retrieved by said button data retrieval unit.

3. (currently amended) A broadcast receiver apparatus-apparatus, comprising:

a separation unit separating, from a broadcast wave, video, video associated data, and button data linked with the video associated data, the button data including a mail address and button information for mail body provided by a broadcaster; ~~video from data included in a broadcast wave,~~

a display unit displaying the video separated by said separation unit, and displaying a button on said video based on the button data included in said separated data;

a mail production unit referring to button data corresponding to a button selected by a user to produce electronic mail automatically addressed to the mail address provided by the broadcaster and having the button information as the mail body; and

a mail transmission unit transmitting the electronic mail produced by said mail production unit.

4. (currently amended) The broadcast receiver apparatus according to claim 3, further comprising:

an infrared receive unit receiving a command from an external source through infrared radiation;

a cursor move unit controlling movement of a cursor displayed by said display unit in response to the command received by said infrared receive unit; and

a button retrieval unit retrieving a button located at a position of said cursor, wherein said mail production unit refers to button data corresponding to the button retrieved by said button retrieval unit to produce said electronic mail.

5. (currently amended) The broadcast receiver apparatus according to claim 4 ~~claim 3~~, wherein said mail production unit produces said electronic mail using a template which can have any information required in a course of a program, ~~included in button data~~ corresponding to the button retrieved by said button retrieval unit.

6. (cancelled)

7. (currently amended) The broadcast receiver apparatus according to claim 4 ~~claim 5~~, further comprising ~~comprising~~:

a user information managing unit managing user information, wherein said mail production unit produces said electronic mail using the template having information required in the course of the program based on user information under control of said user information managing unit.

8. (currently amended) A broadcast receiver ~~apparatus~~ apparatus, comprising:
a separation unit separating video data and video associated data from ~~data included in a~~
~~broadcast wave, wave;~~
a display unit displaying the video separated by said separation ~~unit, unit~~; and
a communication unit receiving a command from an external apparatus requesting for the
video associated data~~an externally applied command~~, and transmitting the video associated data
~~included in the data separated by said separation unit to an external source to the external~~
~~apparatus to be displayed on the external apparatus.~~

9. (currently amended) The broadcast receiver apparatus according to claim 8,
further ~~comprising~~ comprising:
~~_____~~ a still picture production unit producing a still picture from the video ~~data~~separated by
~~said separation unit~~,
wherein said separation unit further separates button data linked with the video associated
data from the broadcast wave, and said communication unit transmits the button data included in
~~the data separated by said separation unit~~, and the still picture produced by said still picture
production unit to ~~an external source~~the external apparatus to be displayed on the external
apparatus.

10. (currently amended) A broadcast receiver ~~apparatus~~ apparatus, comprising:

a separation unit separating, ~~from a broadcast wave, video and button data;~~ video from data included in a broadcast wave,

a display unit displaying the video separated by said separation ~~unit~~unit;

a first communication unit receiving an externally applied command ~~from an external apparatus provided separately from the broadcast receiver apparatus and operated by a user to transmit the button data included in the data separated by said separation unit~~, and receiving an electronic mail from ~~the external apparatus; an external source,~~ and

a second communication unit transmitting the electronic mail received by said first communication unit.

11. (currently amended) The broadcast receiver apparatus according to claim 10, further ~~comprising~~comprising:

~~_____~~ a still picture production unit producing a still picture from the video separated by said separation unit,

wherein said first communication unit transmits the button data included in the data separated by said separation unit and the still picture produced by said still picture production unit to ~~the external apparatus~~an external source.

12. (currently amended) A remote controller comprising:

a communication unit receiving data and an image from an external apparatussource, the external apparatus having a separation unit separating, from a broadcast wave, video as a source of the image, video associated data, and button data linked with the video associated data;

a display unit displaying the image received by said communication unit and displaying a button on said image based on the button data; data included in said data, and

a select unit selecting a button displayed by said display unit,

— wherein said display unit displays video associated data corresponding to the button selected by said select unit.

13. (currently amended) A remote controllercontroller, comprising:

a communication unit receiving data and an image from an external apparatussource, and transmitting electronic mail to the an-external apparatussource, the external apparatus having a separation unit separating, from a broadcast wave, video as a source of the image, video associated data, and button data linked with the video associated data;

a display unit displaying the image received by said communication unit, and displaying a button on said image based on the button data-data; included in said data,

a select unit selecting a button displayed by said display unit,unit; and

a mail production unit referring to button data corresponding to the button selected by said select unit, and producing said electronic mail.

14. (original) The remote controller according to claim 13, wherein said mail production unit produces said electronic mail using a template included in button data corresponding to the button selected by said select unit.

15. (original) The remote controller according to claim 13, wherein said mail production unit produces said electronic mail using a mail address included in button data corresponding to the button selected by said select unit.

16. (currently amended) The remote controller according to claim 13, further comprising comprising:

_____ a user information managing unit managing user information,
wherein said mail production unit produces said electronic mail based on user information under control of said user information managing unit.

17. (currently amended) A broadcast reception system, comprising: including _____ a broadcast apparatus superposing video and data on a broadcast wave for transmission,transmission;

_____ a broadcast receiver apparatus receiving the broadcast wave transmitted from said broadcast apparatus,apparatus; and

_____ a remote controller controlling said broadcast receiver apparatus said remote controller being provided separately from said broadcast receiver apparatus,

— wherein said broadcast receiver apparatus including, comprises

— a separation unit separating video data and button data linked with the video associated data from data included in the broadcast wave transmitted from said broadcast apparatus,

— a display unit displaying the video based on the video data separated by said separation unit, and displaying a button associated with the on-said video according to button data included in said separated data, and

— a select unit selecting a button displayed by said display unit in response to designation from said remote controller,

— wherein said display unit displays the video associated data corresponding to the button selected by said select unit.

18. (new) A broadcast receiver apparatus, comprising:

a separation unit separating, from a broadcast wave, video, video associated data, and button data linked with the video associated data, the button data including button coordinates and expiration data associated with characters or objects entering in the video; and

a display unit displaying the video, and also displaying a button placed at the coordinates associated with the characters or the objects entering in the video for a period of time determined by the button expiration data, the display unit further displaying the linked video associated data when the button is selected by a user.

19. (new) The broadcast receiving apparatus according to claim 18, wherein the button data further includes an area associated with the characters or the objects, and said display unit further displays the area associated with the characters or the objects entering in the video as the button.